

ELITE

POWER SUPPLIES



Features

- Trustable and accurate power source in the market
- Small footprint, stackable, outshell use fire resistance material
- Up to four sets output
- Membrane key pad for functional setting
- Three digit seven segment LED read out voltage, current and time
- Complete error messages for trouble shooting
- No load detection, sudden load change, over voltage protection, automatic recovery after power failure, short circuit, current differential alarm



Mini ELITE

Basic and economical unit perfect for small horizontal gel electrophoresis applications

50/80/100/120V, 20 W maximum

- A selection of constant voltage switch
- Recommended Mini-GES for horizontal gel electrophoresis

ELITE 300U

Best value and ideal choice for basic horizontal and vertical gel electrophoresis applications and western blotting applications

1 – 300 V, 1 – 500 mA, 90 W maximum

- Constant voltage or constant current modes
- Minimum of 1 V or 1 mA increment for precise setting and readout
- Recommended GES and Mini-GES for horizontal gel electrophoresis and V-GES and Mini V-GES for vertical gel electrophoresis and wet transfer



ELITE HC 3.0

Remarkable selection for general electrophoresis applications and high-throughput semi-dry electroblotting applications

1 – 300 V, 10 – 3000 mA, 300 W maximum

- Constant voltage or constant current modes
- Minimum of 1 V increment or 10 mA increment for precise setting and readout
- For all general electrophoresis applications
- Recommended Yrdimes Semi-Dry Transfer Unit for semi-dry electroblotting

ELITE 600U

Universally acclaimed solution for all applications from basic horizontal and high-throughput electrophoresis to semi-dry electroblotting

5 – 600 V, 1 – 750 mA, 150 W maximum

- Constant voltage or constant current modes
- Minimum of 1 V or 1 mA increment for precise setting and readout
- Suitable for all general electrophoresis applications

- Recommended Multi-cell for high-throughput electrophoresis and Yrdimes Semi-Dry Transfer Unit for semi-dry electroblotting



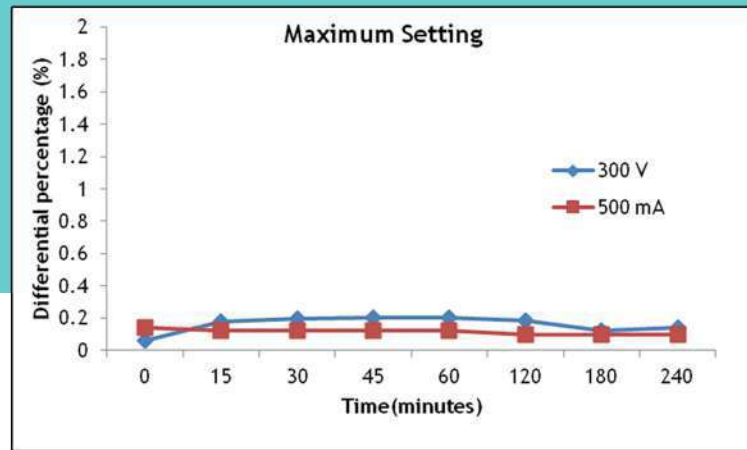
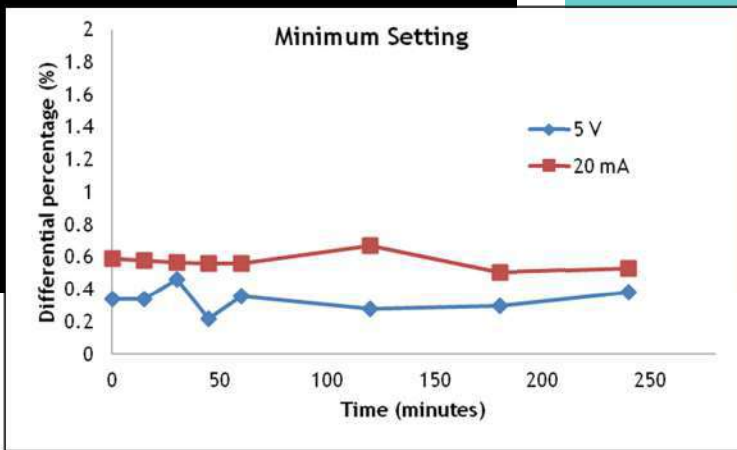
ELITE HC 2.5

Perfect choice for semi-dry electroblotting applications

2 – 250V, 10 – 2500mA, 200W maximum

- Constant voltage or constant current modes
- Minimum of 1 V increment or 10 mA increment for precise setting and readout
- Recommended Yrdimes Semi-Dry Transfer Unit for semi-dry electroblotting





Stability of ELITE 300U with (A) minimum and (B) maximum setting.

Selection Guide by Application

Application	ELITE Mini	ELITE 300U	ELITE 600U	ELITE HC 2.5	ELITE HC 3.0	Application Equipment
Mini gel horizontal electrophoresis	✓	✓	✓	✓	✓	Mini GES
Midi gel horizontal electrophoresis	✓	✓	✓	✓	✓	GES
Precast gel SDS-PAGE	✓	✓	✓	✓	✓	Mini V-GES
Hand cast gel SDS-PAGE	✓	✓	✓	✓	✓	V-GES
Wet transfer		✓	✓	✓	✓	V-GES (E-blotter)
Semi-dry transfer			✓	✓	✓	Yrdimes Semi-Dry Transfer Unit

Specifications

Model	Mini ELITE	ELITE 300U	ELITE 600U	ELITE HC 2.5	ELITE HC 3.0
Output range					
Voltage	50/80/100/120 V	1-300 V	5-600 V	2-250 V	1-300 V
Current	-	1-500 mA	1-750 mA	10-2500 mA	10-3000 mA
Watt	20 W (maximum)	90 W (maximum)	150 W (maximum)	200 W (maximum)	300 W (maximum)
Timer	-	1-999min / continuous	1-999min / continuous	1-999min / continuous	1-999min / continuous
Power Failure Detection	-	Yes	Yes	Yes	Yes
Number of output jacks	1 set	4 sets	4 sets	4 sets	4 sets
Regulatory	CE	EN-61010, CE	EN-61010, CE	EN-61010, CE	EN-61010, CE
AC power requirement	90-264 V, 50-60 Hz	100-240 V, 50-60 Hz	100-240 V, 50-60 Hz	100-240 V, 50-60 Hz	100-240 V, 50-60 Hz
Safety features	-	No load detection, sudden change in load detection, overload or short circuit detection			
Dimension (W x D x H)	84 x 175 x 52 mm	240 x 320 x 73 mm	240 x 320 x 73 mm	240 x 320 x 73 mm	240 x 320 x 73 mm
Weight	0.6 kg	2.0 kg	2.0 kg	2.0 kg	2.0 kg
Operation temperature	0-40 °C	0-40 °C	0-40 °C	0-40 °C	0-40 °C

Ordering Information

Catalog No.	Description
1001007	Mini ELITE Power Supply, 100~240VAC/50~60Hz
1001023	ELITE HC 2.5 Power Supply, 2-250V 10mA-2500mA, 100-240V, 50/60 Hz
1001024	ELITE HC 3.0 Power Supply, 2-300V 0.01A-3.0A, 100-240V, 50/60 Hz
1001026	ELITE 300U Power Supply, 1-300V, 1-500mA, 100-240V, 50/60 Hz
1001031	ELITE 600U Power Supply, 5-600V, 1-750mA, 120-240V, 50/60 Hz

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